

TO: Emergency Responders

FROM: Rick H. Carlile

DATE: January 2009

RE: Attendance at Bomb school WMD-EMRTC in New Mexico <http://www.emrtc.nmt.edu/>

Attached is a course description, applications, and upcoming course dates for this instruction. It is unknown which classes are available so pick your top three choices in order of preference from the Available dates at the end of this email. Classes last 3 and ½ days long. If the class starts on Monday you will fly in on Sunday and return flight will be Thursday Afternoon. If the course begins on a Tuesday then you will fly Monday and return late Friday afternoon. Please email your applications to me or fax them to 801-256-2495, **NOTE-do not dial 801 when faxing within the 801 area code as it will not go through. Please email me or call to verify that I have received your application as many have not arrived. For more information contact the Utah Department of Homeland Security, Hazardous Materials Institute, Rick H. Carlile at 801-256-2480, rcarlile@utah.gov .**

Thank you for your interest

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Web Site for New Mexico Explosives Course: <http://respond.emrtc.nmt.edu/>

2 courses are available. The beginner course is IRTB (Incident Response to Terrorist bombing) and PRSBI (Prevention and Response to the Suicide Bombing Incidents) is a management level course

Operational-Level IRTB Course Overview

The advanced 32-hour Incident Response to Terrorist Bombing (IRTB) course combines:

- Classroom presentations
- Field laboratories
- Scenario-based exercises
- Case studies

After completing the course, you will be able to identify:

- Commercial and military explosives
- Improvised explosive devices (IEDs)
- Readily available explosive formulations that terrorists have or could use

You will gain:

- The skills and knowledge to evaluate and respond effectively to WMD incidents involving explosives
- A respect for the destructive power of explosive materials that terrorists could use





Operational-Level IRTB Course Description

The Operational-Level IRTB course includes the following classroom sessions and [field laboratories](#). Typically, classroom sessions take place in the morning and field laboratories in the afternoons.

Classroom Sessions

1. **The Terrorist Threat** teaches how to identify potential terrorist targets and tactics in your communities.
2. **Introduction to Explosives** presents terms and concepts and describes the hazards involved in handling explosive materials.
3. **Military and Commercial Explosives** covers the characteristics, appearance, and explosive power of the most commonly available explosives materials.
4. **Initiation Systems for Explosive Materials** explains how explosives function.
5. **Improvised Explosives** discusses the history and current state of development of IEDs.
6. **Fertilizer-Based Improvised Explosives** describes improvised explosive mixtures based on common fertilizers.
7. **Improvised Explosive Devices, Pipe Bombs, and Letter Bombs** explains the construction, design, and functioning of bombs produced from commonly available items.
8. **Air Blast and Post-Blast Pathology** describes the effects of explosives on the human body.
9. **Evidence and Forensics in Bomb** Investigations presents information on aiding and conducting bombing investigations.
10. **Incident Scene Operations** focuses on how agencies should respond to threats, detonations, and ongoing incidents.
11. **Suicide Bombings** describes the threat that suicide bombers pose and how to stop them.
12. **Air Blast Effects on Structures** explains how explosives damage buildings and the urban landscape.
13. **Case Study** covers recent WMD incidents and lessons learned from the responding agencies.
14. **Practical Exercises** provide the opportunity to apply the skills and knowledge acquired during the course.

Student Testimonial

“The structure of the class allows the student to fully comprehend the course. Hear it, See it, Experience it, Review it, Test. Excellent!”

Read a dramatic success story >>

All applications must be approved by your State Point of Contact for DHS ODP programs.

Click here to [find your State Point of Contact](#). For questions and inquiries, email respond@emrtc.nmt.edu or call 505-835-5573. The Energetic Materials Research and Testing Center (EMRTC) at New Mexico Tech in Socorro, NM, conducts training for first responders under a cooperative agreement with the Department of Homeland Security. The focus of our training is bombing incident response. We offer two resident training courses—*Incident Response to Terrorist Bombings (IRTB)* and *Prevention and Response to Suicide Bombing Incidents (PRSBI)*.

Both courses have been approved by the Department of Homeland Security and are provided to first responders in the public sector at state and local levels at no cost to the participant or his/her agency. Classes are scheduled throughout the year and we can normally accommodate preferences of participants in the scheduling process to support departmental and personal considerations.

The IRTB is a 3 ½ day program, with classes running from Monday through Thursday or Tuesday through Friday on training weeks. The PRSBI is a 4 ½ day program, with classes running from Monday through Friday on training weeks. Graduates of these courses who are certified by their departments as trainers are authorized to teach a ½ day awareness course in both subject areas to first responders in their agencies. Training materials to support local implementation are also provided at no cost to the agency.

Weapons of mass destruction (WMD) pose a critical threat to communities throughout the U.S. Despite the focus of preparedness activity on large communities on the east and west coasts, the bombing in Oklahoma City and several smaller attacks clearly establish that terrorists will sometimes look beyond major cities and target locations that otherwise would appear safe. Recent experiences also suggest that such attacks are likely to involve conventional explosives—the WMD addressed in EMRTC courses.

You can review information concerning our courses, dates of training, application procedures, etc. on our website <http://respond.emrtc.nmt.edu>

Official Application : Incident Response To Terrorist Bombings

Personal Information

Last Name _____ First Name _____ MI _____
 Home Address _____
 City _____ State _____ Zip _____
 Home Phone _____ Home Fax _____
 Date of Birth (mm/dd/yyyy) _____ SSN _____
 Email _____

Preferred Dates of Attendance

First Preferred (mm/dd/yyyy) _____ Second Preferred (mm/dd/yyyy) _____ Third Preferred (mm/dd/yyyy) _____

Agency Information

Department Name _____
 Position Title _____ Rank _____
 Mailing Address _____
 City _____ County _____ State _____ Zip _____
 Office Phone _____ Office Fax _____
 Agency Email _____

Instructor Certification

Agency Issuing Certification _____

☐ Yes ☐ No

Copy of Certification Attached

Area of Expertise _____

Department Head or Designated Individual Approval and Applicant Signature

State Point of Contact Name (Print)	State Point of Contact Signature
Department Head Name (Print)	Department Head Title
Department Head Signature	Date
Applicant Signature	Date

Preventing and Responding to Suicide Bombing Incidents (PRSBI) Course Description

[Technical Operations Level](#)

[Scope of Course](#)

[Field Laboratories](#)

[Course Application](#)

[Course Schedule](#)

[Performance Level](#)

Technical/Operations Level

- Four day, train-the-trainer course format
- Department of Homeland Security's (DHS) Office of State and Local Government Coordination and Preparedness (SLGCP) (formerly the Office for Domestic Preparedness) sponsored
- Provides the knowledge and skill for development of policies, procedures, training and operational capabilities to deter, prevent, interdict, respond to, and mitigate the effects of a suicide bombing
- Participants must be senior level decision makers in state and local police, fire, emergency medical services, and emergency management operations
- Course methodology includes classroom presentations, field laboratories, and practical exercises

Student Testimonial

“The structure of the class allows the student to fully comprehend the course. Hear it, See it, Experience it, Review it, Test. Excellent!”

Read a dramatic success story >>

Official Application : Prevention and Response to Suicide Bombing Incidents

Personal Information

Last Name _____ First Name _____ MI _____

Home Address _____

City _____ State _____ Zip _____

Home Phone _____ Home Fax _____

Date of Birth (mm/dd/yyyy) _____ SSN _____

Email _____

Preferred Dates of Attendance

First Preferred (mm/dd/yyyy) _____ Second Preferred (mm/dd/yyyy) _____ Third Preferred (mm/dd/yyyy) _____

Agency Information

Department Name _____

Position Title _____ Rank _____

Mailing Address _____

City _____ County _____ State _____ Zip _____

Office Phone _____ Office Fax _____

Agency Email _____

Instructor Certification

Agency Issuing Certification _____

Area of Expertise _____

☐ Yes ☐ No

Copy of Certification Attached

Department Head or Designated Individual Approval and Applicant Signature

State Point of Contact Name (Print)	State Point of Contact Signature
Department Head Name (Print)	Department Head Title
Department Head Signature	Date
Applicant Signature	Date

February 2009

February, 2009

Click on course title to view a detailed course description.

[Incident Response to Terrorist Bombings](#)

 (February 2, 2009 - February 5, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

 (February 2, 2009 - February 6, 2009)

 (February 2, 2009 - February 6, 2009)

[Incident Response to Terrorist Bombings](#)

 (February 3, 2009 - February 6, 2009)

 (February 3, 2009 - February 6, 2009)

 (February 9, 2009 - February 12, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

 (February 9, 2009 - February 13, 2009)

 (February 9, 2009 - February 13, 2009)

[Incident Response to Terrorist Bombings](#)

 (February 10, 2009 - February 13, 2009)

 (February 10, 2009 - February 13, 2009)

 (February 23, 2009 - February 26, 2009)

 (February 24, 2009 - February 27, 2009)

 (February 24, 2009 - February 27, 2009)

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	2 IRTB PRSBI PRSBI	3 IRTB IRTB	4	5	6	7
8	9 IRTB PRSBI PRSBI	10 IRTB IRTB	11	12	13	14
15	16	17	18	19	20	21
22	23 IRTB	24 IRTB IRTB	25	26	27	28
1	2	3	4	5	6	7

March 2009

March, 2009

Click on course title to view a detailed course description.

[Incident Response to Terrorist Bombings](#)

(March 9, 2009 - March 12, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

(March 9, 2009 - March 13, 2009)

(March 9, 2009 - March 13, 2009)

[Incident Response to Terrorist](#)

[Bombings](#)

- (March 10, 2009 - March 13, 2009)
- (March 10, 2009 - March 13, 2009)
- (March 16, 2009 - March 19, 2009)

[Preventing and Responding to Suicide](#)

[Bombing Incidents](#)

- (March 16, 2009 - March 20, 2009)
- (March 16, 2009 - March 20, 2009)

[Incident Response to Terrorist](#)

[Bombings](#)

- (March 17, 2009 - March 20, 2009)
- (March 17, 2009 - March 20, 2009)
- (March 30, 2009 - April 2, 2009)

[Preventing and Responding to Suicide](#)

[Bombing Incidents](#)

- (March 30, 2009 - April 3, 2009)
- (March 30, 2009 - April 3, 2009)

[Incident Response to Terrorist](#)

[Bombings](#)

- (March 31, 2009 - April 3, 2009)
- (March 31, 2009 - April 3, 2009)

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	2	3	4	5	6	7
8	9 <div>IRTB</div> <div>PRSBI</div> <div>PRSBI</div> <div></div>	10 <div>IRTB</div> <div>IRTB</div>	11	12	13	14
15	16 <div>IRTB</div> <div>PRSBI</div> <div>PRSBI</div> <div></div>	17 <div>IRTB</div> <div>IRTB</div>	18	19	20	21

22	23	24	25	26	27	28
29	30 IRTB PRSBI PRSBI	31 IRTB IRTB	1	2	3	4

April 2009

April, 2009
 Click on course title to view a detailed course description.

[Incident Response to Terrorist Bombings](#)

(March 30, 2009 - April 2, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

(March 30, 2009 - April 3, 2009)

(March 30, 2009 - April 3, 2009)

[Incident Response to Terrorist Bombings](#)

(March 31, 2009 - April 3, 2009)

(March 31, 2009 - April 3, 2009)

(April 20, 2009 - April 23, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

(April 20, 2009 - April 24, 2009)

(April 20, 2009 - April 24, 2009)

[Incident Response to Terrorist Bombings](#)

(April 21, 2009 - April 24, 2009)


(April 21, 2009 - April 24, 2009)

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
29	30 IRTB PRSBI PRSBI	31 IRTB IRTB	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20 IRTB PRSBI PRSBI	21 IRTB IRTB	22	23	24	25
26	27 IRTB PRSBI PRSBI	28 IRTB IRTB	29	30	1	2


 (April 27, 2009 - April 30, 2009)


[Preventing and Responding to Suicide Bombing Incidents](#)

 (April 27, 2009 - May 1, 2009)

 (April 27, 2009 - May 1, 2009)

[Incident Response to Terrorist Bombings](#)

 (April 28, 2009 - May 1, 2009)


 (April 28, 2009 - May 1, 2009)

May 2009


May, 2009


Click on course title to view a detailed course description.

[Incident Response to Terrorist Bombings](#)


 (April 27, 2009 - April 30, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)


 (April 27, 2009 - May 1, 2009)


 (April 27, 2009 - May 1, 2009)


[Incident Response to Terrorist Bombings](#)


 (April 28, 2009 - May 1, 2009)

 (April 28, 2009 - May 1, 2009)

 (May 4, 2009 - May 7, 2009)

 (May 5, 2009 - May 8, 2009)

 (May 5, 2009 - May 8, 2009)

 (May 18, 2009 - May 21, 2009)

[Preventing and Responding to Suicide](#)

Bombing Incidents


 (May 18, 2009 - May 22, 2009)

 (May 18, 2009 - May 22, 2009)

Incident Response to Terrorist Bombings


 (May 19, 2009 - May 22, 2009)

 (May 19, 2009 - May 22, 2009)


 (June 1, 2009 - June 4, 2009)


Preventing and Responding to Suicide Bombing Incidents

 (June 1, 2009 - June 5, 2009)

 (June 1, 2009 - June 5, 2009)

Incident Response to Terrorist Bombings

 (June 2, 2009 - June 5, 2009)

 (June 2, 2009 - June 5, 2009)

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
26	27 IRTB PRSBI PRSBI	28	29	30	1	2
		IRTB IRTB				
3	4 IRTB	5	6	7	8	9
		IRTB IRTB				
10	11	12	13	14	15	16
17	18 IRTB PRSBI PRSBI	19	20	21	22	23
		IRTB IRTB				
24	25	26	27	28	29	30

June 2009

June, 2009

Click on course title to view a detailed course description.

[Incident Response to Terrorist Bombings](#)

(June 1, 2009 - June 4, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

(June 1, 2009 - June 5, 2009)

(June 1, 2009 - June 5, 2009)

[Incident Response to Terrorist Bombings](#)

(June 2, 2009 - June 5, 2009)

(June 2, 2009 - June 5, 2009)

(June 15, 2009 - June 18, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

(June 15, 2009 - June 19, 2009)

(June 15, 2009 - June 18, 2009)

(June 15, 2009 - June 18, 2009)

[Incident Response to Terrorist Bombings](#)

(June 16, 2009 - June 19, 2009)

(June 16, 2009 - June 19, 2009)

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
31	1	2	3	4	5	6
	IRTB					
	PRSBI					

	PRSBI					
		IRTB				
		IRTB				
7	8	9	10	11	12	13
14	15	16	17	18	19	20
	IRTB					
	PRSBI					
	PRSBI					
	PRSBI					
		IRTB				
		IRTB				
21	22	23	24	25	26	27
28	29	30				

July 2009

July, 2009

Click on course title to view a detailed course description.

[Incident Response to Terrorist Bombings](#)

(July 13, 2009 - July 16, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

(July 13, 2009 - July 17, 2009)

(July 13, 2009 - July 17, 2009)

[Incident Response to Terrorist Bombings](#)

(July 14, 2009 - July 17, 2009)

(July 14, 2009 - July 17, 2009)

-  (July 20, 2009 - July 23, 2009)
-  (July 21, 2009 - July 24, 2009)
-  (July 21, 2009 - July 24, 2009)
-  (July 27, 2009 - July 30, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

-  (July 27, 2009 - July 31, 2009)
-  (July 27, 2009 - July 31, 2009)

[Incident Response to Terrorist Bombings](#)


-  (July 28, 2009 - July 31, 2009)
-  (July 28, 2009 - July 31, 2009)

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13 IRTB PRSBI PRSBI	14	15	16	17	18
		IRTB				
		IRTB				
19	20 IRTB	21	22	23	24	25
		IRTB				
		IRTB				
26	27 IRTB PRSBI PRSBI	28	29	30	31	
		IRTB				
		IRTB				

August, 2009


Click on course title to view a detailed course description.

[Incident Response to Terrorist Bombings](#)


 (July 27, 2009 - July 30, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

 (July 27, 2009 - July 31, 2009)

 (July 27, 2009 - July 31, 2009)

[Incident Response to Terrorist Bombings](#)

 (July 28, 2009 - July 31, 2009)

 (July 28, 2009 - July 31, 2009)

 (August 10, 2009 - August 13, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)


 (August 10, 2009 - August 14, 2009)

 (August 10, 2009 - August 14, 2009)

[Incident Response to Terrorist Bombings](#)


 (August 11, 2009 - August 14, 2009)

 (August 11, 2009 - August 14, 2009)

 (August 17, 2009 - August 20, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

 (August 17, 2009 - August 21, 2009)

 (August 17, 2009 - August 21, 2009)

[Incident Response to Terrorist Bombings](#)

 (August 18, 2009 - August 21, 2009)

 (August 18, 2009 - August 21, 2009)

[Preventing and Responding to Suicide Bombing Incidents](#)

(August 31, 2009 - September 4, 2009)

(August 31, 2009 - September 4, 2009)

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
26	27	28	29	30	31	1
	IRTB					
	PRSBI					
	PRSBI					
		IRTB				
		IRTB				
2	3	4	5	6	7	8
9	10	11	12	13	14	15
	IRTB					
	PRSBI					
	PRSBI					
		IRTB				
		IRTB				
16	17	18	19	20	21	22
	IRTB					
	PRSBI					
	PRSBI					
		IRTB				
		IRTB				
23	24	25	26	27	28	29
30	31					

Purpose

The primary purpose of the Incident Response to Terrorist Bombings course is to provide participants with the skills and knowledge necessary to evaluate and respond effectively to incidents of terrorism that may involve energetic materials and other weapons of mass destruction (WMD). An additional purpose of this course is to prepare selected participants in presenting awareness level training to personnel in their departments on procedures for responding to WMD incidents involving energetic materials. Furthermore, the course is designed to instill in participants a respect for the destructive potential of explosive materials that could be used by terrorists in a WMD incident.



Test Dummy

Target Audience

This course is designed for technical level firefighters, law enforcement personnel, and other emergency first responders who have responsibilities for responding to WMD incidents, particularly those involving the use of explosives or incendiaries. Furthermore, most of these personnel will have experience and job responsibilities related to training other personnel within their agencies.

This Course lasts 3 ½ days. If class starts on a Monday then travel will be on Sunday and Thursday afternoon. If class starts on a Tuesday then travel will be on Monday and Friday afternoon. Classes are usually filled two months in advance, however openings sometimes occur in earlier courses so you can request the earlier ones though they will probably be full. The Facility will usually notify you at least one month prior to attendance and I will also try to let you know. Please contact me when you receive your confirmation so I can keep accurate records of who has attended.

Rick H. Carlile
801-256-2480 rcarlile@utah.gov